IN THE CLAIMS:

1. (Currently Amended) A microphone~~Microphone~~ with housing and an active element inside the housing for converting sound energy into electric energy whereby an inlet is provided outside of the microphone housing for directing sound energy from the surroundings to the active element, whereby the inlet comprises a first tube part and a cavity, ~~in connection~~ said cavity having only one opening, said opening connecting the cavity with the first tube part, whereby the cavity is dimensioned to dampen ultrasonic frequencies, and where the cavity is shaped as a second tube part with a length dimension L which varies slightly with the cross section of the second tube part.

2. (Currently Amended) The microphone~~Microphone~~ as claimed in claim 1, whereby the cavity has a dimension L which is around ¼ of the wavelength of the ultrasonic frequency to be damped.

3. (Currently Amended) The microphone~~Microphone~~ as claimed in claim 2, whereby the second tube part is curved, and is arranged in a plane essentially perpendicular to the first tube part.

4. (Currently Amended) The microphone~~Microphone~~ as claimed in claim 2, whereby the cavity or second tube part is arranged in close proximity of the microphone.

5. (Currently Amended) A hearing~~Hearing~~ aid with a microphone ~~as claimed in claim 1~~ with housing and an active element inside the housing for converting sound energy into electric energy whereby an inlet is

provided outside of the microphone housing for directing sound energy from the surroundings to the active element, whereby the inlet comprises a first tube part and a cavity, said cavity having only one opening, said opening connecting the cavity with the first tube part, whereby the cavity is dimensioned to dampen ultrasonic frequencies, and where the cavity is shaped as a second tube part with a length dimension L which varies slightly with the cross section of the second tube part.

6. (Currently Amended) An inlet~~Inlet~~ structure for a microphone, comprising a first tube part and a cavity ~~in connection~~ said cavity having only one opening, said opening connecting the cavity with the first tube part, whereby the cavity is provided outside of a microphone housing and dimensioned to dampen ultrasonic frequencies and where the cavity is shaped as a second tube part with a length dimension L which various slightly with the cross section of the second tube part.

7. (Currently Amended) The inlet~~Inlet~~ structure for a microphone as claimed in claim 6, whereby the cavity has a dimension L which is around ¼ of the wavelength of the ultrasonic frequency to be damped.

8. (Currently Amended) The inlet~~Inlet~~ structure for a microphone as claimed in claim 7, whereby the second tube part is curved, and is arranged in a plane essentially perpendicular to the first tube part.

9. (Previously Presented) The inlet~~Inlet~~ structure for a microphone as claimed in claim 7, whereby the cavity or second tube part is arranged in close proximity of the microphone.

10. (Currently Amended) The inlet~~Inlet~~ structure for a microphone as claimed in claim 9, whereby the second tube part is curved, and is arranged in a plane essentially perpendicular to the first tube part.

11. (Currently Amended) The inlet~~Inlet~~ structure for a microphone as claimed in claim 8, whereby the cavity or second tube part is arranged in close proximity of the microphone.